
**May 13-15, 2003
Hyatt Regency Hotel
Phoenix, Arizona**

***Partnering for Environmental Stewardship --
Resource Conservation for the Future***

Welcome to the U.S. Department of the Interior 2003 Conference on the Environment, sponsored by the Office of Environmental Policy and Compliance (OEPC), and hosted by the U.S. Fish and Wildlife Service. This year's conference theme is "***Partnering for Environmental Stewardship – Resource Conservation for the Future***" and the conference will focus on a wide variety of environmental topics, including:

- Environmental Stewardship, Trust Responsibilities, and Accountability
- Environmental Partnering and Outreach
- Resource Conservation and Management
- Environmental Management Systems: Going Beyond Greening
- Environmental Remediation and New Technologies

The conference is designed to provide a forum for DOI staff and tribal representatives to meet and exchange information on a wide variety of environmental topics; to provide a Department-wide conference to all bureau environmental professionals, regardless of where they practice their discipline; to increase their professionalism through exposure to new information from and across all bureau boundaries; to update their base of knowledge through learning opportunities; and to introduce them to other environmental professionals who are doing similar jobs.

Welcome

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Executive Steering Committee

DOI/OEPC: Kenneth Naser - Conference Chair

FWS/DEN: Billy Umsted - Conference Chair, Host Agency

BIA - George Padilla
BIA - Kevin Tennyson
BLM - Andrea McLaughlin
BOR - Darrell Cauley
MMS - Keith Good

NPS - Fred Sturniolo
OCADR - Elena Gonzalez
OEPC - James Ortiz
OSM - Sam Bae
USGS - Dave Johnson

Subcommittee Assignments:

Program - James Ortiz, OEPC
Training - Jewel Bennett, FWS
Exhibits - Fred Sturniolo, NPS and Kevin Tennyson, BIA
Field Trips - Bernie Freeman, FWS
Moderators - Jim Behrmann, NPS
Administration - Erin Quinn and Marlene Johnson, BOR

Conference Overview

Monday, May 12

7:30 - 5:00	Registration Open	Regency Foyer
8:00 - 5:00	OSHA Hazardous Waste Operations (HAZWOPER) Annual Refresher Training	Curtis A/B
8:00 - 5:00	Agency Meetings	See Program

Tuesday, May 13

7:30 - 5:00	Registration Open	Regency Foyer
7:30 - 8:00	Continental Breakfast	Regency Foyer
12:00 - 4:00	Exhibitor/Poster Set Up	Regency Ballroom C/D, Foyer, Atrium, Cowboy Artists
8:00 - 10:00	Welcome - Keynote Address	Regency Ballroom A/B
10:00 - 10:30	Break	Regency Foyer
10:30 - 12:00	Concurrent Technical Sessions	See Program
10:30 - 12:30	Concurrent Training Sessions	See Program

Lunch on your own

1:30 - 5:30	Concurrent Training Sessions	See Program
1:30 - 3:00	Concurrent Technical Sessions	See Program
3:00 - 3:30	Break	Atrium and Regency Foyer
3:30 - 5:00	Concurrent Technical Sessions	See Program
5:00 - 7:00	Exhibitors Reception	Atrium and Regency Ballroom

Wednesday, May 14

7:30 - 5:00	Registration Open	Regency Foyer
7:30 - 5:00	Exhibitor Booths/Posters Open	Regency Ballroom C/D, Foyer, Atrium, Cowboy Artists
7:30 - 8:00	Continental Breakfast	Regency Ballroom/Atrium
8:00 - 12:00	Concurrent Training Sessions	See Program
8:00 - 9:30	Concurrent Technical Sessions	See Program
9:30 - 10:00	Break	Regency Ballroom/Atrium
10:30 - 11:30	Concurrent Technical Sessions	See Program
	Lunch on your own	
1:00 - 5:00	Optional Field Trips	
1:00 - 5:00	Concurrent Training Sessions	See Program
1:00 - 2:30	Concurrent Technical Sessions	
2:30 - 3:00	Break	Regency Ballroom/Atrium
3:00 - 4:30	Concurrent Technical Sessions	See Program

Conference Overview (continued)

Thursday, April 18

7:30 - 8:00	Continental Breakfast	Regency Ballroom/Atrium
7:30 - 12:00	Exhibitor Booths/Posters Open	Regency Ballroom/Atrium/Cowboy Artists
7:30 - 12:00	Registration Open	Regency Foyer
8:00 - 12:00	Concurrent Training Sessions	See Program
8:00 - 9:30	Concurrent Technical Sessions	See Program
9:30 - 10:00	Break	Regency Ballroom/Atrium
10:00 - 11:30	Concurrent Technical Sessions	See Program
	Lunch on your own	
12:30 - 2:30	Concurrent Training Sessions	See Program
1:00 - 2:30	Concurrent Technical Sessions	
2:30 - 3:00	Break	Regency Ballroom Foyer
3:00 - 4:00	Capstone Plenary Closeout	Regency A/B

Friday, April 19

8:00 - 5:00	EPA Regional Coordinators Meeting	Remington A/B
8:00 - 5:00	OSHA Hazardous Waste Operations (HAZWOPER) Annual Refresher Training	Curtis A/B

Special thanks to Track Co-Chairs for their review and selection of abstracts

Track 1. Environmental Stewardship, Trust Responsibilities, and Accountability

Debbie McBride, BIA
Craig R. Moore, FWS

Track 2. Environmental Partnering and Outreach

Elena Gonzalez, OS/OCA&DR
George Padilla, BIA

Track 3. Resource Conservation and Management

Judy Troast, BOR
Nancy Dean, BLM
Linda Lyon, FWS
Steve Spencer, OEPC

Track 4. Environmental Management Systems: Going Beyond Greening

Heather Davies, OEPC
Jim Behrmann, FWS
Charlie Fasano, FWS

Track 5. Environmental Remediation and New Technologies

Dan Noble, BIA
Andrea McLaughlin, BLM

Training Descriptions

Abandoned Mine Lands Issues

This session will cover a wide range of issues affecting abandoned mine lands (AML) in the western States. Speakers for this session are DOI employees with over 100 years of cumulative experience working as field practitioners on AML sites. Topics will include: AML safety (physical safety hazards and the Stay Out – Stay Alive campaign); challenges of dealing with mercury in California watersheds; the planning, design and installation of bat gates; remediation techniques; and an insight into how DOI's AML program functions in various States.

Chemical Management and Hazardous Materials Recognition for Field Employees

Overview of the National Fire Protection Association 704M System and the U. S. Department of Transportation hazardous materials identification system; Hazmat incident contingency planning; Review of the identification and listing of hazardous waste, generator requirements, record keeping, determining the generator status of your facility, and interim storage of hazardous waste; Hazard Communication/chemical safety; Material Safety Data Sheets; OSHA labeling; and, Field Identification using real-life situations to help recognize and identify potential hazards.

Cost Recovery and Cost Avoidance under Comprehensive Environmental Response, Compensation, and Liability (CERCLA)

This two-hour class will provide an overview of the Department's authority to respond to releases of hazardous substances on Departmental lands and to avoid or seek recovery of response costs. The class will discuss the legal tools that are available to avoid or recover response costs and defenses to and exceptions from CERCLA liability. This class will also cover the identification of potentially responsible parties (PRP searches), cost recovery strategy, and administrative records and other documentation requirements under

CERCLA.

eNEPA: Use of Electronic Media in the NEPA Process

In the past several years both the public and Federal agencies have increasingly used electronic communications media for some - often major - portions of the NEPA process. Examples range from CD distribution of NEPA documents to web-enabled receipt of public comments. This session will examine some of the tools developed to facilitate NEPA and similar processes. The utility, effectiveness and appropriateness of various tools will be examined and issues such as management of public input, automated content analysis, the spamming government web-sites will be addressed. The session will include presentations, panel discussion and audience participation.

Environmental Contracting According to the Federal Acquisition Regulation

Environmental purchasing is a concept that melds procurement and the environmental ethic into a sustainable purchasing strategy. Environmental purchasing encompasses a wide spectrum of activities, from purchasing recycled-content supplies to reducing the number of toxic chemicals purchased to minimizing energy consumption through acquisition of energy efficient technologies. This class emphasizes the importance of establishing and strengthening the working relationship among those who specify and use products and services and those who acquire such goods or services through contractual methods.

Environmental Management Systems (EMS) Overview

EMS Overview: The EMS framework. This presentation will provide an overview of the various components of the IS 14001 Environmental Management System standard. The IS EMS standard is the framework most frequently used in EMS implementation and is similar to other accepted EMS frameworks such as the Code of Environmental Principles. The training will cover each component of the standard and describe how that component will be reflected in facility based EMS implementation and how the standard in general functions to improve environmental management.

EMS Implementation Steps and System Benefits

EMS Implementation Steps and System Benefits. This presentation will provide guidance and suggestions on developing and implementing an EMS. Topics will include outlining implementation steps, roles and responsibilities, preparation for certification if desired, and suggestions to further ensure success. The session will also review advantages and benefits of having an EMS at the management, programmatic, and operational levels.

Green Infrastructure: A Strategic Approach to Natural Resource Planning and Conservation

Green infrastructure is the interconnected network of protected green spaces that serves as our nation's natural life sustaining system. Green infrastructure supports native species, maintains natural ecological processes, sustains air and water resources and contributes to the quality of life for America's communities and people. This workshop will explore green infrastructure in both theory and practice. The session will provide an overview of green infrastructure - its definition, its benefits to nature and people, its guiding principles and its elements and strategies for success. The session will include presentations by FWS and NPS professionals involved in initiatives using green infrastructure to promote strategic natural resources planning and conservation at the community and regional scales.

Greening Janitorial Operations

This class introduces you to specific policies, practices and products to aid in making your janitorial operations safer for your employees and the environment. Environmental and health/safety hazards associated with janitorial chemicals are reviewed as well as state-of-the industry green cleaning principles being employed at buildings such as the Pentagon, the Library of Congress, and the Main Interior Building. Participants will

become familiar with standards for environmentally preferable cleaning products issued by Green Seal and will learn how to use these standards to evaluate their cleaning products. A list of available environmentally preferable cleaning products, bathroom tissue, paper towels, and plastic bags will be distributed. Participants will be provided information about how to write a Cleaning Stewardship Plan as a way to facilitate a transition to green cleaning

HAZWOPER - 8-Hour Refresher

Course is designed for those who have completed the 24-hour or 40-hour HAZWOPER Training within the last year and includes material that would meet EPA requirements for the training.

Indian Country Environmental Hazard Assessment and Management Systems Training Project (ICEHAP): A National Environmental Justice Project

This session will begin with a description of the Bureau of Indian Affairs (BIA) Environmental Management Program and a sideshow of commonly encountered issues. One issue of concern for BIA is their collateral duty environmental managers lack the environmental hazard assessment skills that they need to identify environmental liabilities. A brief history and description of this ICEHAP training project will then be presented. The remaining 3 hrs will be a presentation of the ICEHAP Environmental Problem Solving Model. Elements of the model that will be discussed in detail will be: effective leadership, technical assistance and training, efficient use of resources, environmental education, public participation and partnerships.

Integrated Pest Management (IPM)

This introductory course presents the basic principles of integrated pest management (IPM), and the decision making process to identify and reduce risk to natural resources, the public, and the environment from pests and pest management related strategies. The IPM process incorporates the use of a decision making process to determine if pest management is needed and the selection of different management tools to formulate the best management strategy (lowest risk). Understanding the IPM process enables the participant to address the pest situation for short and long term management. IPM incorporates pest identification, monitoring, low risk/effective management strategies into a solution tailored to the specific pest situation on a case-by-case basis. Examples will be used in lecture, plant/animal pests (microscopes - live and preserved specimens), visual aides and "hands on" items will be incorporated to explain the Principles of IPM. The most common pests encountered in the field and appropriate decision making strategies will be reviewed as well (structural pests, termites, invasive species, public health pests, disease vectors, and others will be addressed in group scenario format). Useful references and information sources about IPM are provided.

Introduction to Environmental Conflict Resolution and Emerging “Best Practices” for Conveners and Participants

Participants will gain an introduction to ECR and its relationship to alternative dispute resolution, public participation, partnering and other collaborative approaches to environmental management. In addition, users of ECR services, whether as conveners or participants in ECR processes, will learn about emerging “best practices” to help enhance the likelihood of successful outcomes to conflict resolution efforts.

Invasive Species: A Coordinated National Response to a Resource Impact

This session will provide participants with a working understanding of the ecological and economic impacts of invasive species and the response being coordinated through the National Invasive Management Plan. Case histories will be discussed on how Interior agencies are addressing the components of the management plan from prevention, early detection/rapid response, control, and restoration.

Making Magic Happen with Energy and Water Conservation Projects

This training session will provide an overview of renewable energy technology applications, energy and water efficiency opportunities, and making magic happen by implementing projects.

Monitoring and Troubleshooting Coliform Contamination at Transient Non-Community Water Systems

Session will address the following topics related to bacteriological monitoring and actions that should be taken following a positive coliform result in your water system: 1) sampling procedures, 2) coliform monitoring requirements, 3) record keeping, 4) sanitary survey requirements, and 5) troubleshooting coliform contamination including how to determine ground water under the direct influence of surface water.

National Environmental Policy Act (NEPA) Current Topics

An open discussion of current Council on Environmental Quality (CEQ) topics, such as status of the CEQ NEPA Task Force recommendations and cooperating agency issues and semi-annual report. Discussion of current DOI NEPA topics, such as the *Information Quality Act*, revisions to 516 DM 6, streamlining Federal Register notices, CERCLA/OPA restoration planning NEPA guidance, emergency NEPA alternative arrangements, Section 4(f) reauthorization, and electronic distribution.

Natural Resource Damage Assessment and Restoration: Basics of the Process and How to Manage It

This is an introductory training and discussion session that will cover the basics of the NRDA process, based on selected definitions and fundamental principles. Using PowerPoint, the discussion will describe the damage assessment process, using a theoretical case example woven into the presentation. The session will cover organizing and managing a case team in the process of conducting a natural resource damage assessment. The session will conclude with conversation about an actual case with which the presenters have been closely involved.

Oil Spill Response and Countermeasures Considered in Conserving Natural Resources

Dr. Cain has had extensive input into Area Contingency Plans, Incident Command System, Dispersant Use Authorization, In-situ Burn decisions, and other countermeasures during oil spills. This session will focus on these topics and the political and financial realities (working with the EPA and the Coast Guard through the Oil Spill Fund) that surrounds the spill event. Consideration of future needs and training with the new emphasis on chemical and biological warfare will also be addressed.

Resolving Science-intensive Disputes

Working collaboratively with diverse stakeholders, a natural element of agency decision making efforts, can be challenging. When complex or disputed science is part of the equation, collaborative efforts can be even more demanding. Obtaining an understanding of the types of obstacles that arise when complex or disputed science is involved will help in efforts to successfully participate in future collaborative decision making. This training session will describe diagnostic skills helpful in assessing a conflict, identify some of the unique obstacles created by complex or disputed science, and expand the participant's 'tool box' of practical ideas for dealing with disputed scientific and technical information.

SPCC Revised Overview for Managers

The course provides the participant with a brief overview of the EPA Spill Prevention Control and Countermeasure (SPCC) rule 40 CFR Part 112. The course includes a detailed discussion of the applicability provisions of the SPCC rule and a basic overview of the specific rule requirements. The course includes a final Q&A session. The overview will cover all recent rulemakings which have extended compliance dates for facility owner and operators. The material is designed to provide managers with a general understanding of the rule and does not go into the detail provided in the four hour course offered later in the week.

SPCC Revised Rule Overview

The course provides the participant with an overview of the EPA Spill Prevention Control and Countermeasure (SPCC) rule 40 CFR Part 112. The course includes a detailed discussion of the applicability provisions of the SPCC rule and a detailed overview of the specific rule requirements. The course includes a set of applicability case studies and a final Q&A session. The overview will cover all recent rulemakings which have extended compliance dates for facility owner and operators. The material is designed to provide participants with a working knowledge of the rule requirements and provides more detail than the management overview course provided earlier in the week.

Sustainable Practices for Outdoor Shooting Ranges

The United States Environmental Protection Agency has created a document entitled Best Management (BMPs) for Lead at Outdoor Shooting Ranges. This manual explains the benefits for using BMPs at outdoor shooting ranges and how to prepare an Environmental Stewardship Plan (ESP) for your range. The use of BMPs and the creation of an ESP will help ranges to manage lead in a sustainable manner and promote environmental stewardship. This presentation will give an in-depth look at the use of BMPs at outdoor shooting ranges and how to prepare an ESP for submission to EPA for a "Certificate of Recognition."

Using GPRA Planning to Focus on Environmental Mission

The session will take you through the basics of performance management as envisioned by the Government Performance and Results Act (GPRA). Then you will enter the brave new world of results-oriented strategic planning as seen through the battle weary eyes of Interior's strategic planning lead. This will prepare you for the concluding presentation that will demonstrate how Interior assembled outcome goals, measures and strategies to guide and evaluate its efforts at protecting natural and cultural resources - one of four primary mission areas.

Working with Tribes and Environmental Justice Issues

This training is a condensed version of EPA's "Working Effectively with Tribal Governments" and "Fundamentals of Environmental Justice" training courses. This session will provide participants with an overview of the following:

- historical relationship between the federal government and tribes
- treaties, agreements, laws, regulations, executive orders and Indian policies relevant to federal employees
- concepts such as sovereignty, trust responsibility and government-to-government relationship
- practical advice for working with tribes
- key concepts in environmental justice
- executive orders and policies relevant to environmental justice
- practical advice for working on environmental justice issues.

**The training program was greatly enhanced by a contribution from the
Bureau of Indian Affairs.**

**Special thanks to the Division of Environmental Cultural Resource
Management for making this possible.**

Optional Field Trips

General Information: For your well-being, please bring along bottled water since hydration can occur at this time of year. Because the size of field trips is limited, we cannot guarantee your first choice on all field trips.

Arizona Department of Environmental Quality “Green” Office Building

The Arizona Department of Environmental Quality (ADEQ) complex is the City’s latest example of “green office building.” This tour should give insight into the use of sustainable design, energy conservation, recycling of business waste, etc. This tour is limited to 20 people per session with two sessions being planned. The building is approximately two miles from the hotel. **Departure times for this tour are 1 p.m. and 3 p.m. with return to the hotel approximately two hours from the time of departure.**

Bank One Ballpark (Home of the Diamondbacks)

The Bank One Ballpark (BOB) is one of major league’s newest baseball parks. It is constructed on approximately 21.9 acres and is located within the downtown district of Phoenix. The BOB is the only sports facility in the world featuring a retractable roof, air conditioning and a natural turf playing field. Ground was broken on November 16, 1995. It took 28 months to construct and cost \$354 million. The BOB encompasses approximately 1,300,000 sf, has six levels and can be reconfigured to host concerts, motor sports, basketball, football, soccer games, etc. The BOB has the capability to open/close its roof within five minutes and the air-conditioning system can reduce the temperature by 30 degrees within four hours. This tour is limited to 20 people per session with two sessions tentatively being planned. **The building is within walking distance of the hotel, approximately two blocks away. Departure times for this tour are 1 p.m. and 3 p.m. with return to the hotel approximately two hours from departure.**

Salt River “Brownfield Project”

This field trip is to the Salt River “Brownfield Project” located on the Salt River Pima Indian Community near Scottsdale, AZ. The Pima tribe has applied for a 319 Non-Point Source Grant to cleanup nitrates contaminants, possible groundwater contamination, and illegal dumping areas. The cleanup would also remediate/cleanup of abandoned cattle “dip tanks,” pesticide and herbicide usage areas. The developing cleanup plan would establish a brownfield reclamation project. The tour will also include site visit along the riparian areas of the community that have been impacted by wild horses and the Tribe’s efforts to reclaim those areas. The Tribe intends to capture some of the horses for the adoption program. This tour is limited to 94 people (two buses) and is approximately 30 minutes travel time from the hotel. **Departure time for this tour is 1 p.m. with return to the hotel at approximately 5:00 p.m.**

Sanctuary Golf Course

Sanctuary Golf Course is designed to provide an exceptional experience for golfers while preserving and maintaining a healthy, thriving environment. Sanctuary has achieved the goal of becoming Arizona's first golf course to attain the Audubon International Institute Signature Status by incorporating Audubon requirements into the earliest design phases of course development to manage issues such as wildlife habitat enhancement, water quality management and conservation, waste reduction and pest control. The goal of the Signature program is to integrate wildlife conservation, habitat enhancement and environmental improvement with the community agenda. The golf course has incorporated a feature beneficial to the entire area: on-site re-charge wells that re-purify run-off water from the golf course and return it to the ground, replenishing the area's natural water source. This tour is limited to 55 people (one bus) and is approximately 1-hour travel time from the hotel. **Departure time for this tour is 5 p.m. with return to the hotel by 9 p.m.**

Tres Rios:

Tres Rios Constructed Wetlands Demonstration Project provides a foundation to evaluate technical, practical, and institutional factors involved incorporating constructed wetlands in comprehensive water management plans. This project was undertaken by the city of Phoenix, Arizona, representing five cities of the Sub-Regional Operating Group (SROG), and in cooperation with the U.S. Bureau of Reclamation. The demonstration wetlands project reflects widespread interest in pursuing more effective, integrated approaches to sustain valuable water and environmental resources in arid regions of the western United States. This tour is limited to 60 people and is approximately 1-hour travel time from the hotel. **Departure time for this tour is 8 a.m. with return at 12 noon. (Names for visitors need to be submitted 5 days prior to trip and all visitors must have ID’s available.)**

Exhibitors

The conference sponsors recognize **Tom Kelsch**, Director, Conservation Education, at **the National Fish and Wildlife Foundation**, for making possible the Trade Show Exhibits.

The National Fish and Wildlife Foundation is a private, non-profit organization, established by Congress in 1984 and dedicated to the conservation of fish, wildlife, and plants, and the habitat on which they depend. Their goals are to promote healthy populations of fish, wildlife, and plants by generating new commerce for conservation. The Foundation meets these goals by creating partnerships between the public and private sectors and strategically invests in conservation and sustainable use of natural resources.

AARCHER, Inc.
Craig J. Schwartz

Advanced Composting
Systems
Glenn Nelson

AET Environmental
Lori Devito

Alternative Community Training
(ACT)
David Beschen

AMEC Earth & Environmental
Jane Hildreth

Anteon Corporation
Bruce Goff

BE&K/Terranext
W. Mark Bailey

BioBlend Lubricants International,
Inc.
Gary E. Dyal

Bi-O-Kleen - Cleaning Supplies
Cindy Rimer
Chlorine Free Products
Association

Biological Mediation Systems, Inc.
Alex Rachak

Bureau of Land Management
National Training Center
William T. Wiley

Bureau of Land Management
Georgette Fogle

Bureau of Reclamation
California Hydrilla Eradication
Project

James Scullin

Bureau of Reclamation
Environmental Education
Patricia Cox

Cascades - Fine Paper Group
Robert Boivin
Chlorine Free Products
Association

Cascades Tissue Division
Nathalie Comeau
Chlorine Free Products
Association

CH2MHill
Amy Halloran

Compliance Management, Inc.
John Bewick

DOI Office of Environmental
Policy and Compliance
Kenneth Naser

Dolphin Blue Inc.
Thomas J. Kemper

EA Engineering, Science, and
Technology
Suzanne Boltz

Eagle Maintenance Supply, Inc.
Brad Bobbitt

Earthwon Corporation
Don Smallwood

Ecology and Environment
Jon McClurg

Ecosystems Management, Inc.
Bill Hevron

Environmental Protection Agency
National Environmental
Performance Track
Sandy Seymour, ICF
Consulting

ERG, Inc.
Judy Usherson

ETI Professionals Inc
Allen Christy

Ferguson Harbor Inc.
Michael Hextell

Fish and Wildlife Service
Sea Lamprey Control Program
Joseph Genovese

Fish and Wildlife Service
Long Island National Wildlife
Refuge
Pat Martinkovic

Fish and Wildlife Service
FWS Environmental Compliance
V.A. Sridhar

Fish and Wildlife Service
National Refuge System Centennial
Ken Edwards

Fish and Wildlife Service
National Conservation Training
Center - Jewel Bennett

Foster Wheeler Environmental Corporation Mark Griswold	National Industries for the Blind Chris Stearns	Terresolve Technologies Chris Thaw
Gemtek Products, Inc. Sarah S. Kristoff, VP	National Park Service Fred Sturniolo	Tetra Tech, Inc. David Batts
Geo Engineers Sean Ragain	Office of Surface Mining - Environmental Education Lori Windle	The Garland Company, Inc. Aaron P. Hundley
Hart Crowser, Inc. Dale Clark	Office of Surface Mining - Office of Technology Transfer Western Regional Coordinating Center Deborah McGinnis	The Mohawk Group Greg Liss
Huhtamaki Food Services - Chinnet Mike Grant Chlorine Free Products Association	RESOLVE Mike Hughes	The Plastic Lumber Company, Inc. Alan Robbins/Katie Robbins
ICF Consulting Will Gibson	RGF Environmental Group Andrew Hyatt	U.S. Environmental Center - Aberdeen Michael Dillaplain
MACTEC Engineering and Consulting, Inc. Faithe Gorman	RMCAT Environmental Services, Inc. Matt Jacobs	U.S. Geological Survey Roger Barlow
Mangi Environmental Group Tony Petruzzi	SCS Engineers John Wright	U.S. Institute for Public Education and Outreach Melanie Emerson
Metals Treatment Technologies Jeff Goldin	SOL - Solar Outdoor Lighting, Inc. David Veator	United Soybean Board Sueanne Pfifferling
MicrobiaLogic LLC Paul Morris	SWCA Michelle Weigman	URS Corporation Anne Grant
National Fish and Wildlife Foundation Tom Kelsch	Technical Concepts Corey Rodriguez	Weston Solutions, Inc. Mark W. Bell

**The conference sponsors wish to recognize the
National Park Service, Park Planning, Facilities,
and Lands Park Facility Management Division, for
their contribution**

POSTERS

Track 1 - Environmental Stewardship, Trust Responsibilities, and Accountability

- Using Haircatchers to Detect Delmarva Fox Squirrel - Charisa Morris, FWS
- WEED Like You to Know - Ken Henke, BLM
- Manning Canyon, Utah - Tim Ingwell, BLM
- Night Sky Stewardship - Chad Moore, NPS

Track 2 - Environmental Partnering and Outreach

- Partnering for Sustainable Fuels - Kent Bullard, NPS
- NIWQP, An Interagency Effort - Joy Knipps, BOR
- Native American Tribes: Partnership Successes - Nick Carrillo, FWS
- Partners for the Desert - The Desert Managers Group - John Key, BLM

Track 3 - Resource Conservation and Management

- Sea Level Rise Influences on Blackwater NWR - Roger Barlow, USGS
- Rehabilitation and Fuel Treatment Efforts in South Central Idaho - Bill Baker, BLM
- Alvord Lake Subbasin Water Quality Management Plan - Darren Brumback, BLM

Track 4 - Environmental Management Systems: Going Beyond Greening

- Biodiesel Use in the Marine Environment - Kent Bullard, NPS

Track 5 - Environmental Remediation and New Technologies

- Training Marine Oil Spill Responders - Cynthia Duffield, USGS
- Analysis of Airborne Lidar - Russell Jackson, BLM
- Using Vetiver Grass for Erosion Control - Ed Carey, OSM

**2002 Department of the Interior
Environmental Achievement Award Recipients**

Bureau of Reclamation

Albuquerque Area Office

Middle Rio Grande Endangered Species Act Collaborative Program (Award Category: Team)

Fish and Wildlife Service

James J. Behrmann

Greening Region 6 (Individual)

Buenos Aires National Wildlife Refuge

Standard Operation Procedure for Refuge Procurement and Waste Management Team

Chattahoochee Forest National Fish Hatchery

Hazardous Material Pollution Prevention & Minimization Program (Team)

Confederated Tribes of Warm Springs Reservation of Oregon

Stewardship of Wild Fish and Cooperative Management of Warm Springs National Fish Hatchery, OR (Cooperator)

Gary Melvin

Station's Greening and Environmental Management Program (Individual)

National Park Service

Kent Bullard

Environmental Leadership (Individual)

Don Durbin

Dinosaur National Monument
Environmental Management (Individual)

Evelyn Hill, Inc.

Statute of Liberty Recycling Center (Cooperator)

Joshua Tree Trail Crew

Cap Rock Nature Trail (Team)

Pacific Coast Learning Center Team

Creating Environmental Achievement Through Learning Centers (Team)

Veterans of Foreign Wars Post 9431

Recycling Program at Joshua Tree NP (Cooperator)

Office of Surface Mining, Reclamation and Enforcement

Bat Conservation & Mining Steering Committee

National Technical Interactive Forum (Team)

2003 White House Closing the Circle Award Recipients (within DOI)

James J. Behrmann

Region 6, Fish and Wildlife Service, Green Procurement (Affirmative Procurement)

Buenos Aires National Wildlife Refuge, Standard Operation Procedure for Refuge Procurement and Waste Management (Recycling)

Sonya J. Capek, Pacific West Region, National Park Service, Tools to Promote Environmental Purchasing (Environmental Preferability)

Chattahoochee Forest National Fish Hatchery, Fish and Wildlife Service, Hazardous Material Pollution Prevention and Minimization Program (Waste Pollution/Recycling)

National Capital Region Sustainable Practices Team, National Park Service, National Capital Region Sustainability Fair (category: Education and Outreach)

Partnership, Committee for Purchase from People Who Are Blind and Severely Disabled (Team w/DOI) Green Cleaning in Federal Buildings (Environmental Preferability)

Featured Presenters Plenary Sessions



Jay Benforado

Jay Benforado is Director of the National Center for Environmental Innovation at the U.S. Environmental Protection Agency (EPA). His organization serves as a focal point within EPA for strategic thinking on innovative approaches to environmental management. This includes piloting innovative cross-media environmental strategies, working in creative partnerships with businesses and communities, and engaging in environmental policy studies and dialogues aimed at strengthening our environmental protection system.

In his current position, he advocates for new approaches to environmental problem solving involving State, regional and private-sector partnerships and for meaningful results-oriented performance measures to drive environmental improvements. He has worked extensively with national organizations on recommendations for improving the Nation's environmental protection system; has provided EPA leadership on Project XL, which established 50 projects that test flexible environmental solutions; chaired the Environmental Management Committee of the President's Council on Sustainable Development; and, represented EPA internationally.



James L. Connaughton

James L. Connaughton, unanimously confirmed by the United States Senate, appointed by President Bush on June 18, 2001, is the Chairman of the Council on Environmental Quality (CEQ). He serves as the senior environmental advisor to the President as well as Director of the White House Office of Environmental Policy which oversees development of environmental policy, coordinates interagency implementation of environmental programs, and mediates key policy disagreements among Federal agencies, State, tribal, local governments, and private citizens.

Prior to joining the Bush Administration, Mr. Connaughton was a partner in the law firm Sidley Austin Brown & Wood, in its Environmental Practices Group. His work covered a wide range of environmental policy issues, including environmental management and compliance assurance systems, legislation, regulation, international trade and standards, and ecological risk and natural resource damages assessment.

From 1993 until 2001, Mr. Connaughton served as one of the lead U.S. negotiators of the ISO 14000 series of international environmental standards. These voluntary consensus standards govern environmental management, auditing, performance evaluation, environmental marketing claims, life cycle assessment, and product development.

He has lectured extensively in the U.S., Latin America, Europe, and Central Asia on international environmental standards, environment and trade, environmental management systems implementation, product regulations, and natural resource damages assessment.



John Howard

On April 30, 2002, President George W. Bush appointed John Howard as the Federal Environmental Executive. He and his office are working to promote sustainable environmental stewardship throughout the Federal Government. To meet this challenge, they are focusing on six priority action areas: the Federal Government's use of such strategic tools as environmental management systems; improving waste prevention and recycling; strengthening procurement of the broad range of environmentally responsible and energy efficient services and products, including biobased products; improving the stewardship of our electronic products in their design, use, and disposition; encouraging the design, construction and operation of sustainable buildings; and identifying opportunities for industrial ecology. Previously, Mr. Howard was the Senior Associate Director for the White House Council on Environmental Quality; the Environment and Natural Resources Policy Director for then-Governor Bush; and an environmental attorney in Washington, D.C., and Austin, Texas.



Suellen Terrill Keiner

Suellen Terrill Keiner is Director of the Center for the Economy and the Environment at the National Academy of Public Administration in Washington, D.C., where she manages research and has recently worked on studies related to: Improving state and Environmental Protection Agency (EPA) information systems on compliance and enforcement; integrating environmental justice into EPA and State agency operations; evaluating state resources for managing water quality programs; Reforming the New Source Review program of the Clean Air Act; and the effectiveness of third-party auditing for ISO 14001 environmental management systems.

Ms. Keiner serves as a member of the EMS Council for the American National Standards Institute and the Registrar Accreditation Board and Co-Director of the 12-State Environmental Compliance Consortium. Prior to joining the Academy, she was Director of the Program on Environmental Governance and Management at the Environmental Law Institute.

At ELI, she managed research projects on improving compliance with environmental laws and taught training programs on how to improve enforcement and implementation of environmental and natural resource laws for the EPA, the National Park Service, and the U.S. Forest Service, as well as many State environmental agencies and citizen groups.

Green Conferencing . . .

"The future belongs to those who understand that doing more with less is compassionate, prosperous, and enduring, and thus more intelligent, even competitive." - Paul Hawken

There is growing interest and resources available in the promotion of sustainably operated hotels and meetings. There are really two reasons for this. The first is emotional. As individuals, in our own homes circumstances are (generally) under our control to management our lifestyle in a manner that allows us to follow best management practices for sustainable household operation. However, when you travel, particularly to a large conference, you are confronted with resource consumption on a large scale often in a setting where the logistics to continue to practice your environmental ethics do not exist. Environmental professionals often leave a conference disheartened, feeling more part of the problem rather than the solution to environmental protection issues.

The second reason for the inter is practical. **An average hotel purchases more products in a week than 100 families do in a year.** A huge opportunity exists to "green the supply chain" by altering demand practices of large hotel chains, potentially leading to significant resource conservation. For advocates of green purchasing, the hotel sector is a niche ripe for greening because it is very sensitive to consumer demands.

The Executive Steering Committee (ESC) for the 2003 Department of the Interior's Conference on the Environment was committed to putting on a green conference, as was the ESC for the 2001 conference. However, in those two intervening years many new resources and tools became available to help guide these efforts.

Environmental Protection Agency's Environmental Purchasing Program has developed a useful website for helping conference planners, working also in conjunction with the Oceans Blue Foundation. Green Seal has developed a very thorough *Green Lodging Standard* against which hotels can be certified. Finally, the Council for Environmentally Responsible Economies (CERES) has created a Best Practices Survey for use by meeting planners and hotel operators. All of these tools were reviewed and informed the planning of this 2003 conference.

- **EPA's Green Meetings Planner** <http://www.epa.gov/oppt/greenmeetings/>
- **Oceans Blue Foundation** <http://oceansblue.org>
- **CERES Best Practices Survey** <http://www.ceres.org/about/Programs/ghoverview.html>
- **Green Seal Green Lodging Certification Program** <http://www.greenseal.org/greeninglodge.htm>

There are currently 28 hotels certified by Green Seal as "Green Hotels." Three are in Washington DC: Four Points by Sheraton Washington, DC Downtown; Hyatt Regency Washington; and The Washington Marriott. If you are traveling to Pennsylvania, you are also in luck because 24 hotels (including many clustered in the Philadelphia area) are certified there, thanks to consumer demands and support from the State of Pennsylvania Department of Environmental Protection. **As a federal traveler and/or conference planner, make environmental stewardship part of your travel plans by patronizing these business and by telling them that you have made this choice because of their environmental commitment.**

What Was Done to *Green* the 2003 DOI Conference on the Environment

Conference Planning:

- Electronic conference information
- On-line registration
- Conference program published on 80% postconsumer recycled content paper made without the use of chlorine and independently certified by the *Chlorine Free Products Association*
- Contract with hotel written to contain environmental clauses requesting environmentally preferable services
- Destination selected because of its proximity to the majority of conference attendees
- Hotel venue is well connected by transportation services to airport, and “free time activities”

Greening the Hyatt Regency Phoenix

A small team of individuals from the Office of Environmental Policy and Compliance and the U.S. Fish and Wildlife Service began working in October 2002 with the staff of the Hyatt Regency Phoenix. On-site interviews were performed using the CERES Best Practices Survey. Follow-up research and phone calls helped to explore the nuances of each of the green performance opportunities and to help identify resources in the Phoenix area that could help Hyatt adjust practices to make the event more environmentally preferable.

The DOI Green Hotel Team included: Jim Behrmann, Frank Cockrell, Catherine Cesnik, Ken Naser, and Heather Davies.

The DOI Green Team would like to acknowledge and especially thank the Hyatt Regency Phoenix staff who they worked with, including:

**Jeff Clark, the Director of Engineering
and Linda Stuckey, Sales Manager.**

What is Green at the Hyatt Regency Phoenix?

- Energy efficient lighting
- Energy conserving elevators.
- Programmable HVAC in guest rooms.

**Hyatt Regency Hotel
Phoenix, AZ
Conference Room Locations**